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In the United States Patent and Trademark Office

Serial Number: 10/822,828
Appn. Filed: 4-12-2004
Applicant: Zhihui Duan
Appn. Title: Hybrid Electric Vehicle
Examiner/GAU: Ha D. Ho/3681

Ann Arbor, Michigan, January 2, 2006

Do not enter
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Amendment A

Commissioner for Patents
Washington, District of Columbia 20231

Sir:

In response to the Office Action mailed on December 2, 2005, please amend the above application as follows:

Specification:

Page 3, last paragraph replace with the following new paragraph:

—The motor control module (MCM) includes an inverter. MCM converts DC from a battery into AC to drive the electrical machines; it also converts AC from the electric machines into DC for the battery to store. MCM powers SG to start the engine, powers TM to drive the wheels, and controls TM to brake the wheels and regenerate electricity.

Page 5, last paragraph (extends to Page 6), replace with the following new paragraph:

—Including an inverter, MCM 9 converts DC from a battery into AC to drive the electrical machines; it also converts AC from the electric machines into DC for Battery 11 to store.